## What You Want to Know About Your Auto and How To Drive It and Keep It MAY CONVICT BROTHERS

Expert Advice How to Keep Automobiles Running Smoothly and the Best Way to Remedy Machine Troubles Traffic Suggestions and Pleasure Routes for Evening World Readers.

By GEORGE H. ROBERTSON.

E average motories often experiences trouble due to the overheating States Judge Cushman's Court toof the motor and is sometimes puzzled as to its cause. In starting day stands a tarnished pewter urn



rect overheating will be the result. Sometimes the radiator or the wasometimes the radiator of the contained nothing incriminating. It was introduced, to day, by Americant water pump is out of order the cir- United States Attorney Raymond H. Marvel Mol. Co. Collation cannot be perfect. It the Surfaty as a dumfounding surprise Mary Mol. 1 of Marvel Mol. 1 of Marvel Mol. 2 of Marv One of the common causes, which few motorists think of, is the muf-

broken in. If the carburctor is not properly adjusted the slow burning mix-

would be well to go over thoroughly the parts mentioned if the motor becomes overleated

Next week I will take up the causes of poor mechanical operation.

ANSWERS TO QUERIES.

Automobile Editor:

I bought a late 1969 Cadillac about two years ago from a garage. Last two years ago from a garage ago from a garage. Last two years ago from a garage. Last two years ago from a garage. Last two years ago from a garage a

the toknow the best route and distance to Dickson City. Pa.

An accident of this sort usually results from a gear chipping and the broken piece being brought up with the grease and ground through the gears. This may have happened some time ago, causing the gears to chip gradually, but usually, when an undue strain is imposed on the transmission and rear axle, the gears are not strong enough to stand this strain and the stripping of a gear is the result. You can easily determine whether it was done suddenly or not by the working and quiet running of the car in the past few monts. A chipped gear in the transmission or differential will cause a very noticeable noise in these parts I cannot locate Dickson City in Pennsylvania. Kindly let me know the approximate location.

Anomonic Editor:

I have a 1915 Ford roadster with a peculiar knock which I and several repair men cannot locate. The car has sonly when pulling on high. Since then the knock was faint. This was only when pulling on high. Since then the knock was faint. This was only when pulling on high. Since then the knock was faint. This was only when pulling on high. Since then the knock was faint. This was only when pulling on high. Since then it has been retting works and over, the connecting rods and man and the endorman and man and the working rods and man and the surface of the car in one was able to hear of the knock was faint. This was only when pulling on high. Since then it has been retting works. I had the motor taken down at a Ford repair shop and the wrist pins looked over, the connecting rods and man and the surface work and the surface of the car in the past knows and the surface of the car in the past knows and the surface of the car in the spark was advanced a little above half way. Even and the surface of the car in the

pair shop and the wrist pins looked over, the connecting rods and main

## ISN'T ITCHING

Are you an eczema sufferer? Do these ugly patches of cruption start up and itch as though they would drive you frantic, and have you tried treatment after treatment with, at best, only temporary relief? Then you are only going through the experience of thou sends of others who have at last found that Resinol healed their sick skins

for good: With the first use of Resinol Ointment and Resinol Soap the itching and burning usually stop, and soon all trace of eczema or similar torturing skintrouble disappears, even in severe and stubborn cases. Doctors have prescribed the Resinol treatment for twenty years. Sold by all druggists. For trial free, write to Dept. 12-R, Resinol, Baltimore, Md.

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Nothing so safe, so certain or so

Millions of people, old, young and

vigor be sure and keep your Liver and

gently satisfying as Carter's Little

middle age, take them for biliousness, dizziness, sick headache, upset stomach

and for sallow, pimply and blotchy skin.

Liver Pills. Purely vegetable.

For 50 Years the World's Perfect

Liver and Bowel Regulator

CHARRED BITS OF PAPER IN AN OLD PEWTER URN

Covernment Springs Surprise In Trial of Estersons for Bankruptcy Fraud.

Under careful guard in United containing what Government aftered if the ignition is timed too late. evidence ever brought into a criminal the timing of the valves is not cor- arm is half filled with burned paper. When Charles and David Esterson went to trial on charges of bank-

few motorists think of, is the muffier becoming fouled with carbon and other deposits. If the lubrication is insufficient or the oil is of poor quality the motor will become overheated or if the radiator is too small for the latter, however, is due to laulty design. Brakes dragging put a heavy strain on the motor, causing it is because overheated.

Very often overheating will result if the motor is new and not properly broken in. If the carburctor is not properly adjusted the slow burning mix.

Tuning from of Kosch Constant in vestigation immediately after their failure showed, sproad their books with false cash accounts under such names as M. Re. K. Ike and Mr. Flah.

Julius Kessier and Louis Temkin, partners in the firm, who have since pleaded guilty of fraud and are pleaded guilty of fraud and are awaiting sentences, became frightened at developments and appealed to the Estersons to keep them out of temperature in the firm of the partners in the firm, who have since pleaded guilty of fraud and are pleade then in. If the carburctor is not properly adjusted the slow burning mixis will cause trouble.

These are a few of the causes a motorist must keep in mind, and it
uid be well to go over thoroughly the parts mentioned if the motor benew overheated.

The Estersons, who are said
to have realized about \$14,600 from
hidden assets, drew up an agreement,
it is alleged, by which they were to
ray the wives of Kessier and Temkin \$2,000 each in cash, if the partners were caught and sent to prison
for more than a year. If they got of

with shorter terms, their wives were to get \$1,000 each.

Notes were filled out and inclosed by the Estersons, it is charged, and placed in the old urn. Later, Charles Esterson changed his mind and

weight tend to put the motor out of balance? W. V. PATTON.

Because of the additional weight added to the connecting rod, the motor has been undoubtedly thrown out of balance. You may overcome this by drilling the flywheel at the proper place or by adding an equalizing weight to the counterbalance if the motor is equipped with one.

Automobile Editor:

If I had four holes drilled in the exhaust pipe instead of letting the air go through the muffler, and had a lever running to the steering wheel to open and close same, would I be able to make fifty-eight to sixty miles per hour with a Ford car?

What carbureter is used on a 1914 Cadillac? How many nules should get from a gallon of gas? What kind of oil or graphte is best to use in differential and transmission case of this machine? My foot brake does not hold good when brake bands are wet. They are all right when dry. How would you remedy this?

The Cadillac car is equipped with a carbureter of its own design. If the car is in good shape you should get between ten and fifteen miles on a gallon of gasoline. There are many good greases on the market used for this purpose and any good accessory store or garage will self you the proper kind. Would suggest that you relieve the back-pressure a little, but I do not think that with the same gearing you could safely attain that speed.

Alter running about twenty-five miles, with the engine going fine, I pulled up to the curb to make a stop. About ten minutes elapsed, when I tried to start again. I found out I was out of gas, had the tank filled started my engine and she seemed to pound and miss the rest of the way home.

I could you tell me of some preparation for revarishing the top and sides of a car? Where can I get a

the Resinol treatment for twenty years. Sold by all draugists. For trial free, write to Dept. 12-R, Resinol, Baltimore, Md.

IS YOUR TOILET SOAP SAFE?

Many toilet soaps contain barsh, interious alkali. Resinol Soap contains absolutely no free alkali, and to it is added the Resinol medication. This gives it soothing, healing properties which clear the complexion, comfort tender skins and keep the hair healthy.

Automobile Editor:

Automobile Automobile Editor:

Automobile Automobile Editor:

Automobile Por revarnishing the top and sides of a car? Where can I get a book of instruction on automobiles, especially Roo make?

You undoubtedly purchased a poor grade of gasoline, is blook of instruction on automobiles, especially Roo make?

You undoubtedly purchased a poor grade of gasoline, if the gasoline is below 65 you will find that it will not vaporize easily and naturally will cause the same trouble. You and the proportion of the gasoline is below 65 you will find that it

nobile Editor: Automobile Editor:
Where can I get guide books telling how to travel from one State to another?? EMANUAL COHN.
Secure copies of the Blue Book at any good supply store for two and one-half dollars.

In coasting down hill gears in high tch disengaged the lever will shift o neutral position by itself. This will happen only on rough roads. W. A. SCHAEFER.

W. A. SCHAEFER
You will find that the shifting rod
locks which are supposed to hold the
shifting rods in place need tightening
up or need replacing of new springs.
These locks must have the proper
tension or the gears will jump out at
any time. any time. Automobile Editor:

Kindly let me know how to lap in a piston. Also, when fitting piston rings, should the ends touch or should there be a small space between the ends when rings are sprung late place?

A READER.

CLOSING QUOTATIONS.



ITEMS FOR INVESTORS.

NEW YORK COTTON MARKET.

WHEAT. CORK.

United States Steel Company unfilled orders totalled 4,255,749 tons on March 31, against 4,345,371 on Feb. 28 and 4,248,571 on Jan. 31; March 31, 1914, 4,653,825.

hour over \$1 a bale.

Open. High. Low. Last.

May ... 2-83 2-24 5.82 5.90

July ... 10.15 10.24 10.13 10.18

Oct. ... 10.52 10.55 10.55 10.55

Dec. ... 10.73 10.83 10.70 10.78

Jan. ... 10.78 10.88 10.77 10.84

March ... 10.97 11.06 10.97 11.06

Market closed strong, up 11 to 16

Market closed strong, up 11 to 16

WHEAT AND CORN

Wheat declined on report of rain in Mheat belt.
Corn barely steady at start, but turned teady on light offerings and buying by

Train Kills Bridgeman.

PATERSON, N. J., April 10.—Arthur
Sixteenth Street, was struck and killed
by a train on the Bric Rallroad here
this morning. Murtey, who was known as
a bridgeman, was working on the Fifth
Avenue bridge, across the rallroad
tracks, when he was struck by an easibound train.

the sirens directly when they begin
to move down."

Quest led the way quickly to the
edge of the wharf. There was a
small tug there, the crew of which
were just making her fast for the
night.

"Fifty dollars if you'll take us out
to the Durham and catch her before
she sails," Quest shouted to the man

They saving around and commenced their fact of the first mines the feery. They saving around and commenced their fact method and form in the General fact of the fact method and fact method a

"Anything doing?" he asked. Quest showed him the card and the salling list. The inspector nod-

"Say, that fellow's some sport!" he remarked admiringly. "You wouldn't believe it just to look at him. That staircase this afternoon, though, kind of teaches one not to trust to appearances. So you think he's getting a move on him, Mr. Quest?"

"I think he had a truck waiting for him at the corner of Gayson avenue." Onest realist."

for him at the corner of Gayson ave-nue," Quest replied. "It was the machine my men went after. The men looked like river thugs, although I shouldn't have thought of it if the professor hadn't used the word 'river pirates." It's quite clear that they took Craig down to the river. There's only one likely ship sailing to-night and that's the Durham. It's my be-lief Craig's on her."

They hurried out to the automobile and started off for the docks. The latter part of their journey was ac-complished under difficulties, for the complished under difficulties, for the street was packed with drays and heavy vehicles. They reached dock number twenty-eight at last, how-ever, and hurried through the shed on to the wharf. There were no signs of a steamer there. "Where's the Durham?" Quest ask-ed one of the carters, who was just

getting his team together.

The man pointed out to the middle of the river, where a small steamer

was lying.
"There she is," he replied. "She'll be off in a few minutes. You'll hear the sirens directly when they begin



THE National Aisle-Way permits passengers to easily change seats. It provides individual "arm chairs" and perfect ventilation for

both front and rear seats.

National cars have excelled mechanically for fif- those who show discrimination.

teen years, by every known test and demonstration.

The distinctive beauty and convenience of the new National design added to this unimpeachble record of mechanical reliability makes this new National the favorite motor carriage of

In 1914 National Car sales increased more than 45 per cent. NATIONAL MOTOR VEHICLE CO., INDIANAPOLIS POERTNER MOTOR CAR CO., 1759 Broadway, New York HANSON-PEACOCK CORP., 1350 Bedford Ave., Bklyn.



Figure shead of them, binaring with Figure a bings forry come elements; the civer up and sending waves in their direction. On the other side, moneturally large, bounded up the great hows of an ocean poing steamer. The tug was award round and they can up alongside. The man with the learn learned over

he answered toranty. "When it, make it, if you look slippy" y convinced down the from ladby and jumped onto the deck of the big. The captain sensed the wheel. The two men who formed the crew took of their route and waistonate. Give it to bes, Jim," the former ordered "Now then, here goes! We'll just mine the ferry."
They swung around and commenced

AUTOMOBILES.

Maxwell Supremacy HERE ARE REAL

REASONS FOR IT Speed, power, staunch conof design, plenty of room, comfort, complete equipment. The "Maxwell" laughe at hills, - stands every test, and

It gives you big-car standirde at a price you can afford.

no other car made is easier to

\$695 Electric Starter & Lights

"What's the bloke wanted for?"
"Murder," Quest answered shortly.
"That so?" the other remarked.
"Well, you'll get him, sure! He's
looking pretty scared, too, You'd better keep your eyes open, though. I
don't know how many men there on
board, but that tug belongs to the \$55 extra Let us demonstrate NOW -then judge for yourself. **MOTORISTS** 

"Police job This is Inspector French I am Sanford Quest."
"Good enough," the man replied. "What's the bloke wanted for?"

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"He's footed us again?" he earlotte-

AUTOMOBILES.

Who Knows Most About An Automobile?

The importor stopped forward.

The importor free potter revery quality of many cars under the most trying conditions should be adjusted to the cut revery quality of many cars under the most trying conditions should be adjusted to the cut revery quality of many cars under the most trying conditions should be adjusted to the cut revery quality of many cars under the most trying conditions should be adjusted to the cut revery quality of many cars under the most trying conditions should be adjusted to the cut revery quality of many cars under the most trying conditions should be adjusted to the cut revery quality of many cars under the most trying conditions should be adjusted to the cut revery quality of many cars under the most trying conditions should be adjusted to the cut revery quality of many cars under the most trying conditions should be adjusted to the cut revery quality of many cars under the most trying conditions should be adjusted to the cut revery quality of many cars under the most trying conditions should be adjusted to the cut revery quality of many cars under the most trying conditions are should seen that an expert driver when the cut revery quality of many cars under the most trying conditions are should seen that an expert driver when the cut revery quality of many cars under the cut revery quality of many cars under

The your hear that, O'Toole?" the other recentled. Streeting around "Clet up, you blackground."

A men rose from undermeth the official its was wearing Craig's clothes but his face was lightning Quest awang round to his place.

Geo. H. Robertson about his

HUDSON

Having operated this make of car for the past five years. Mr. Robertson knows from practical experience what the Hudson will do and has done for him. He also can tell you some interesting facts about what we do to keep every oar in perfect running order after it gets into the owner's hands.

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of sales speaks VOLUMES for its ACCEPTED
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market — breaking all
Records.

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[BEGINNING MONDAY, APRIL 12.]

Six weeks ago, commissioned by THE WORLD, Mr. G. C. Roeder, for twenty-seven years a member of The World's Editorial Staff, left New York to visit Germany for the purpose of investigating its Financial, Food and Social Conditions.

Beginning in Monday morning's World, the FIRST of a remarkable series of Articles prepared as a result of this trip by Mr. Roeder will appear. They contain the accurate information gathered during his travels in Germany, where he visited the important places shown on the map printed below.



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This article will go far toward answering the great question: HOW LONG CAN GERMANY KEEP UP HER PIGHT?

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